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DEWALT DWS779

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Model: DWS779

PRODUCT OVERVIEW

The DEWALT DWS779 sliding compound miter saw is engineered for precision and durability, suitable for demanding jobsite applications. It features a powerful 15 Amp, 3800 RPM motor for consistent performance. The design includes tall sliding fences that support large material capacities, such as 7-1/2-inch crown nested and up to 2x14 dimensional lumber at 90 degrees, and 2x10 at 45 degrees. A cam lock miter handle with detent override ensures quick and accurate miter angle adjustments.



Figure 1: DEWALT DWS779 12-Inch Sliding Compound Miter Saw.

SAFETY INFORMATION

Always read and understand all safety warnings and instructions provided in the full user manual before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Keep work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and a dust mask.

SETUP

Upon unboxing, ensure all components listed in the packing list are present. The DEWALT DWS779 comes with a carbide

blade, blade wrench, and user guide. For stable operation, mount the miter saw securely to a workbench or a compatible miter saw stand. Ensure the mounting surface is level and capable of supporting the saw's weight and the material being cut.

- **Unpacking:** Carefully remove the saw and all accessories from the packaging. Inspect for any shipping damage.
- **Blade Installation:** Refer to the detailed instructions in the user guide for safe and proper installation of the 12-inch carbide blade using the provided blade wrench.
- **Dust Bag Attachment:** Attach the dust bag to the dust collection port to manage sawdust during operation.
- **Initial Calibration:** Before first use, verify the accuracy of miter and bevel angle indicators. Adjust as necessary according to the user guide for precise cuts.

KIT INCLUDES

**(1) DWS779 DOUBLE BEVEL SLIDING MITER SAW, (1) 12" CARBIDE BLADE
(1) BLADE WRENCH, (1) VERTICAL MATERIAL CLAMP, (1) DUST BAG**



Figure 2: DEWALT DWS779 and included accessories.

OPERATING INSTRUCTIONS

The DEWALT DWS779 is a corded electric tool. Ensure it is connected to a suitable power source (120V). Always secure your workpiece firmly against the fence and table before making any cuts.

Miter Angle Adjustment

To adjust the miter angle, use the cam lock miter handle. The saw features detent override for quick and accurate adjustments. It can rotate up to 55 degrees in either direction for various cutting needs.

Bevel Angle Adjustment

The DWS779 offers a double bevel capability, allowing the blade to tilt from 0 to 48 degrees both left and right. This feature provides versatility for complex cuts without reorienting the workpiece. Use the designated lever to unlock and adjust the bevel angle, then secure it before cutting.

Material Support and Cutting Capacity

The tall sliding fences provide excellent support for larger materials. The saw can cross-cut 2x14 dimensional lumber at 90 degrees and 2x10 dimensional lumber at 45 degrees. For crown molding, it supports 7-1/2-inch crown nested.

Dust Collection

The integrated efficient dust collection system is designed to capture over 75% of generated dust, contributing to a cleaner and safer work environment. Regularly empty the dust bag or connect to an external dust extractor for optimal performance.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DEWALT DWS779 miter saw.

- **Cleaning:** After each use, clean the saw thoroughly, especially around the blade, guard, and sliding mechanisms, to prevent sawdust buildup.
- **Blade Care:** Inspect the blade for sharpness and damage. Replace or sharpen the blade as needed to ensure clean and efficient cuts.
- **Sliding Mechanism:** Keep the dual horizontal steel rails clean and free of debris. Apply a light lubricant periodically to ensure smooth sliding action.
- **Fasteners:** Periodically check all screws, nuts, and bolts for tightness. Tighten any loose fasteners to maintain structural integrity and safety.

TROUBLESHOOTING

If you encounter issues with your DEWALT DWS779 miter saw, consider the following common troubleshooting steps:

- **Saw Not Starting:** Ensure the power cord is securely plugged into a functional outlet. Check for tripped circuit breakers. Verify the safety switch is disengaged.
- **Poor Cut Quality:** Inspect the blade for dullness, damage, or incorrect installation. Ensure the workpiece is properly secured and the miter/bevel angles are correctly set.
- **Excessive Dust:** Check if the dust bag is full or if the dust collection port is clogged. Ensure the dust collection system is properly attached.
- **Sliding Mechanism Sticking:** Clean the sliding rails and apply a suitable lubricant. Ensure no debris is obstructing the movement.

For more detailed troubleshooting or issues not covered here, please refer to the comprehensive user guide or contact DEWALT customer support.

SPECIFICATIONS

Attribute	Detail
Brand	DEWALT
Model Number	DWS779
Power Source	Corded Electric
Voltage	120V
Current Rating	15 Amps
Speed	3800 RPM
Blade Length	12 Inches
Number of Teeth	32 (Included Carbide Blade)
Cutting Angle	Up to 55 Degrees (Miter), 0-48 Degrees (Bevel)
Product Dimensions (L x W x H)	21"L x 17"W x 17"H
Item Weight	56 Pounds
Included Components	Miter saw, Carbide Blade, Blade Wrench, User guide

WARRANTY AND SUPPORT

This DEWALT DWS779 miter saw comes with a **3-year limited warranty**. For warranty claims, technical assistance, or any product-related inquiries, please contact DEWALT customer support. Refer to the official DEWALT website or the user guide for detailed contact information and warranty terms.